

What is claimed is:

1. A multi type electrodeless lamp, comprising:

a bulb portion as a transparent material in which two filling spaces are
5 formed therein;

a stem portion formed on the exterior of the bulb portion so as to have a
certain length; and

gas-fills respectively injected into the filling spaces in order to generate
plasma by electromagnetic energy.

10

2. The lamp of claim 1, wherein the filling spaces are arranged so as

to face each other on the basis of the stem portion as a reference axis.

3. The lamp of claim 2, wherein a wall for partitioning the filling

15 spaces is a plane plate.

4. The lamp of claim 2, wherein the two filling spaces have the same
volume.

20 5. The lamp of claim 2, wherein the two filling spaces have the same
shape.

6. The lamp of claim 1, wherein the two filling spaces are arranged in

the axial direction on the basis of the stem portion as a reference axis.

25

7. The lamp of claim 6, wherein the two filling spaces have the same volume.

8. The lamp of claim 6, wherein the two filling spaces have the same shape.

9. The lamp of claim 1, wherein the bulb portion has a globular shape.

10. The lamp of claim 1, wherein the bulb portion has a non-globular shape.

11. The lamp of claim 1, wherein a composition of the gas-fill respectively injected into the filling space is different from each other.

12. A multi type electrodeless lamp, comprising:
a bulb portion as a transparent material in which at least two filling spaces are formed therein;
a stem portion formed on the bulb portion so as to have a certain length;
and
gas-fills respectively injected into the filling spaces in order to generate plasma by electromagnetic energy.

13. The lamp of claim 12, wherein the number of the filling spaces is three.

14. The lamp of claim 13, wherein the three filling spaces have the same shape and volume.

15. The lamp of claim 12, wherein the three filling spaces have a
5 shape and a volume different from each other.

16. The lamp of claim 12, wherein the gas-fill respectively injected into the filling spaces has a composition different from each other.

10 17. A multi type electrodeless lamp, comprising:
a bulb portion as a transparent material in which two filling spaces are formed therein; and
gas-fills respectively injected into the filling spaces in order to generate plasma by electromagnetic energy.

15 18. The lamp of claim 17, wherein a composition of the gas-fill respectively injected into the filling space is different from each other.

20